

1 LINERLESS DISPENSING CAP

2 ABSTRACT OF THE DISCLOSURE

3 A dispensing cap with hinged flaps for opening and
4 closing spoon and shake apertures in the cap end wall.
5 The flaps, which are hinged away from the perimeter of
6 the cap, include sealing plugs for the apertures. The
7 plugs and apertures are formed by tooling elements on
8 the same half of a mold to maintain very precise
9 positioning of the plugs relative to the apertures.
10 This precise positioning of the plugs and apertures
11 allows them to be sized to produce a very light
12 interference or touch fit that effectively stops
13 moisture vapor transmission into the container and
14 sifting of product out of the container to which the
15 cap is fitted but, desirably, has little effect on flap
16 opening and closing force. The sealing effectiveness
17 of the plugs and apertures enables the cap to be used
18 without a sealing liner for the mouth of the container.